Charlotte, NC 28209 (704) 529-1844 FAX: (704) 543-6348

#### **Environmental Assessments**

January 4, 1994

Kelly Gage Guilford County Dept. of Emer. Services Fire Station Division P.O. Box 18807 Greensboro, NC 27419

RECEIVED N.C. Dept. of B-WR JAN =5 1994

Winston-Salem Regional Office

Re:Tank closure report for UST removed at 5614 Riverdale Rd. Jamestown, NC 27282 on Dec. 7, 1993.

Ms. Gage:

Attached is the above referenced tank closure report. This report contains the following information:

- Completed form GW/UST-2 "Site Investigation for Permanent 1. Closure".
- 2. A UST Site Investigation Summary Report signed and sealed by a NC PE.
- Soil Sample Chain of Custody and Lab Report.
- 4. A Safeway Tank Disposal Receiving Report. A Certificate of Disposal was not available for this submission but will be available in the next week according to Safeway.
- 5. Fire Department Permit.
- 6. NC Facility Information Sheet on Subject UST.

If you have any questions please contact me at (704) 529-1844.

Sincerely.

Robert S. Merdes

RSM/jk

Sherry Knight CC:

NC Dept. of Environment

Groundwater Section

Winston-Salem Regional Office 8025 North Point Blvd. Suite 101

Winston-Salem, NC 27106

	<u> </u>										Sam had have I in Channel
(GW/	UST-2)	Site Inve	estigation Report	For P	erma	nent	Closu	ire or	Change	-in-Serv	ice of U.S.T.
FC TAN II <b>N</b>	IKS The	turn Completed Form appropriate DEM R E MAP ON REVERS FICE ADDRESS].	n To: egional Office according SE SIDE OF OWNER'S	to the a	ounty a PINK) F	of the fa	adility's :GIONA	location. L	I.D. N	Use Onl Jumber	AN 5 1994
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		•	Complete and return within	n (30) days	s followi	ing comp	oletion o				
	l.	Ownership of Tank	(s)					II. L	ocation o	of Tank(s)	
Owner I 5 Street G	Name (Corporat 614 Ri Address uilfor amesto	ion, Individual, Public Agency, overdale Dr.  d wn, NC 2728		ield	Q.	Facility -017 Facility 5614 Street	Name 821 ID # (if Riv Address ord	available) erdal or State I James	e Rd. Road stown,		282 de
(	910) 4	54-6190			1 -	<u>(91</u> Area C		<u>54-61</u>		hone Numbe	
Area C	ode	Telephone Nur	mber	III. Cor	ntact F		, ,		Telep	HONE NOTICE	
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		Name)  V. U.S.T. Information	)D	(Address)	V Exc	avation	Conc	lition	1 610		itional Information Required
Tank	Size in	Tank	Last	Wat	er In vation	Fr		Notable	Odor or Contamination		
No.	Gallons	Dimensions	Contents	Yes	No	Yes	No	Yes	No		everse side of pink copy er's copy) for additional
1	8,000		g Gasoline	-	Х		Х		Х	info	ormation required by  N.C DEM in the
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	-										
							!				
				VII.	Check	List					
	Notify DEI  Drain & flu  Remove a  Excavate of  Clean and  Remove d		re abandonment.  from tank  e pipe, vapor recovery tal	eck the a		compl	AB Fill Plu Dis	tank until g or cap a connect ar	all openings	verflows tank s;. remove vent	
Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps and other tank fixtures.  Cap or plug all lines except the vent and fill lines.  Purge tank of all product & flammable vapors.  Cut one or more large holes in the tanks.  Backfill the area.  Date Tank(s) Permanently closed: 12-7-93						REMOVAL  Create vent hole  Label tank  Dispose of tank in approved manner  Final tank destination: STEWAY DISPOSAL, INC.					
		Change-in-Service:						HNY	<i>/ 73 -</i>	IRON	STATION, N.C.
		·	VIU	Certificat	ion (R	ead_an			TPC   LOA	KRCEIV	INCI REPORT
docur subm	nents, and itted inform	that based on my nation is true, accu	have personally exa- inquiry of those indi- rate, and complete.	mined an ividuals in	nd am	familia	with	the inform			this and all attached ation, I believe that the
			wner's authorized represent	tative	7	Sign	ature	0	211		Date Signed
,	<i>ISC-12 (</i> JST-2 Rev	5. VV/E 1.7/29/91 W	nite Copy - Regional Offic	 e	Yellow	Copy -	Central	Office	Pin	ık Copy - Ov	

# TRI SPEC ENGINEERING & CONSTRUCTION P.O. BOX 23569 • CHARLOTTE, N.C. 28227-0272 704-545-6786

RECEIVED

N.C. Dept. of PANR

JAN 5 1994

Winston-Salem

Regional Office

TANK CLOSURE REPORT

NORCON BUILDERS, INC.

5615 RIVERDALE RD.

JAMESTOWN, N.C



#### TANK CLOSURE REPORT

#### NORCON BUILDERS, INC.

#### 5615 RIVERDALE RD.

#### JAMESTOWN, N.C

#### **GENERAL**

On December 7, 1993, Norcon Builders removed and closed one(1) 8000 gallon underground storage tank (UST) at the site located at 5615 Riverdale Road in Jamestown, N.C.. Tank removal and closure was supervised by Bob Merdes, an Environmental Professional, of ENVIRO/PROBE, INC..

The location of Norcon Builders, Inc. is shown in Figure 1-1. The tank excavation site is shown in Figure 1-2.

The purpose of this report is to describe the tank removal procedures and the test results of soil samples collected from the excavation.

#### **EXCAVATION PROCEDURES**

One(1) 8000 gallon gasoline tank was removed from the site. A backhoe was used to excavate the soil over the top of the UST. The top of the UST was exposed and the fill caps removed. All piping was removed from the tank to the dispenser island. Piping lengths were less than twenty(20) feet.

Purging of each tank was accomplished by inserting dry ice into the tank through the fill pipe. Twenty(20) pounds of dry ice for each 1000 gallon tank capacity was the purging rate utilized. After purging and prior to removal, an LEL meter was used to monitor the lower explosive limit and the oxygen level in the tank.

After completion of tank purging, excavation of the side walls was performed. Excavation was extended on all four(4) sides of the tank, two(2)-feet from the tank wall and to a depth of ten(10)-feet. The tank was removed from the excavation and transported by Safeway Removal, Inc. to their site on Highway 73 in Iron Station, N.C.. A copy of the Certificate of Disposal is contained in the Appendix of this report.

No groundwater was encountered during the excavation.

#### SOIL SAMPLING PROCEDURES

Prior to sampling of the excavation, the walls and floor were field-screened utilizing a TK 8800 analyzer. Total Petroleum Hydrocarbons(TPH) were below detection limits of the instrument. No free product or petroleum odors were observed in the excavation.

Three(3) soil samples were obtained from the excavation floor at a depth two(2)-feet below each tank bottom. Samples were obtained utilizing a hand auger at a location at each end of the tank at the tank centerline. The sample locations are shown in Figure 1-2.

Latex gloves were used to remove the sample from the auger. New gloves were used for each sampling cycle. Decontamination of the auger was performed between sample cycles utilizing a detergent scrub and water rinse procedure. Samples were placed in glass containers with teflon lids.

Samples were place in a container containing ice and transported to Aqua-Chem Environmental Laboratories where chain-of-custody was transferred. Samples were tested by Method 5030 for Total Petroleum Hydrocarbons (TPH). Sample test results were as follows:

TPH METHOD 5030 (ppm)	SAMPLE DEPTH (FT.)
$\mathtt{BDL}$	12
$\mathtt{BDL}$	12
$\mathtt{BDL}$	12
	METHOD 5030 (ppm)  BDL BDL

Copies of the Chain-Of-Custody and laboratory test results are contained in the Appendix of this report.

#### EXCAVATION BACKFILL

Excavated soil was stockpiled onto 10mil polyethylene and covered with 4mil polyethylene. The stockpile perimeter was enclosed with strawbales. Based upon soil test results, the stockpile materials were backfilled into the excavation and additional clean backfill materials were placed and compacted to compensate for the volume displaced by the tank.

#### **SUMMARY**

Tank Excavation and Closure of One(1) underground storage tank was performed By Norcon Builders, Inc. at their site located at 5614 Riverdale Road In Jamestown, N.C.. Rd. Soil sampling and test results indicated TPH levels below detectable limits. No groundwater was encountered during the excavation.

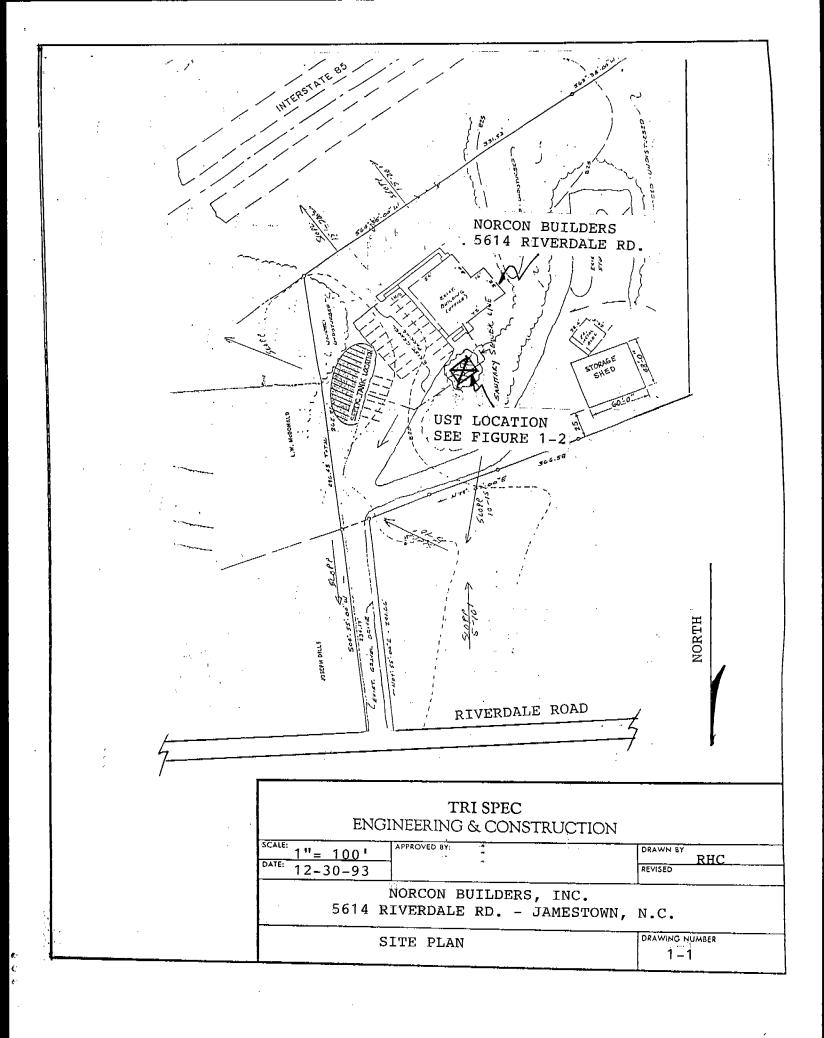
The excavation was backfilled and compacted. Tanks, piping, and dispenser were disposed of at Safeway Disposal, Inc. at their site in Iron Station, N.C.. The date of closure for the tank was December 7, 1993.

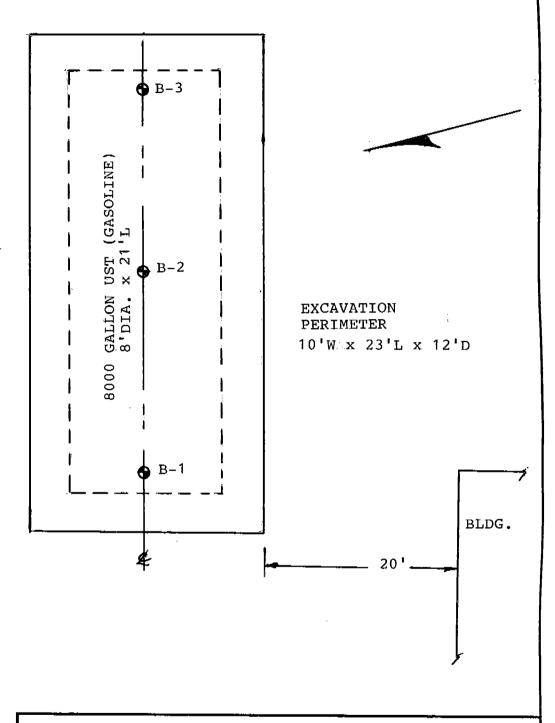
Submitted By: TriSpec Engineering & Construction

Raymond H. Cathey, PE

N.C. License #4842

12-30-93





<b>TRI SPEC</b> ENGINEERING & CONSTR	UCTION
SCALE: 1" = 5' APPROVED BY:	DRAWN BY RHC
DATE: 12-30-93	REVISED
NORCON BUILDERS, 5614 RIVERDALE RD JAM	
EXCAVATION PLAN	DRAWING NUMBER 1-2



# CHAIN OF CUSTODY

	(QA/QC Separate)		Hand	Flow   Time   H	Composite Type:
to the Labolatory	Analyst	W	Jp Flow	Time Picke	Date Picked Up
Please sign and return the white and yellow copies to the laboratory	Field pH Result	νCF/GPD		Sampler Location Time Installed	Autosampler S Date Installed
1 TCC			<u></u>	12/7/93	33
N J.C			<del></del>	45/121 X	B2,
x x				X 12/1/93	S) A-RX
TP	Ar Sell Cat	Am. Oil &	COM Lab ID	Sampled	Sample ID
Samples received on ice? Yes 🖂 No 🗆	senic enium Imium Omium Opper ead lickel Einc ercury Silver arum	OD  OD  SS  DH  monia  Grease anide	POSITE RAB	STIC ASS	
Time:	Date:				Received By:
Time:	_ Date:				Relinquished By: _<
Time: (2/7/5)					Received By:
9 3 Time: 12/7/23	Date: 12/7/		Mu	18-18N	Relinguished By:
By relinquishing this sample(s) to Laboratory Personnel, I warrant that I am authorized to enter into this agreement for the Client named above and that I authorize the below analysis subject to the terms and conditions on the reverse side hereof. Analysis charges shall be as included in the Laboratories fee schedule in effect at the time of the analysis.	e Client named above and that I authorize ed in the Laboratories fee schedule in effe	d to enter into this agreement for th Analysis charges shall be as includ	arrant that I am authorize the reverse side hereof.	s) to Laboratory Personnel, I way the terms and conditions on	By relinquishing this sample( This agreement is governed to
Rush Charges Authorized ☐ Yes ☐ No	Rush C	Samo Croke IN	Me sous y	EXT S. M	Sampled By: 150
Project Name: (L) y was cold UST		<del>\frac{\frac{1}{2}}</del>	TONG ( "	Vacuost STO	lact Person
Certification Requirement:	7702 Certifica	): /v C Zip:			
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7 + + 1 D		. ·	TAX TONOGRAPH (A) C		Client: (/ À / 3/3 3/3
	)		704/588-5076	ENVIRONMENTAL LABORATORIES, INC. 11176 DOWNS ROAD	ENVIRONMENTA 11176 DOWNS RO



11176 Downs Road Pineville, NC 28134

704/588-5076 FAX 704/588-2454 NC Certification Number: 305 SC Certification Number: 99032

Date of Report:

12/17/93

Date Received :

12/07/6

Approved By:

Tyler H. Garber

Laboratory Director

Client: Wynnefield Properties, Inc.

5614 Riverdale Road

Jamestown, North Carolina 27282

Contact: Mr. Norwood Stone

Customer Number: 1204

#### LABORATORY REPORT

LAB ID: 052J01 SAMPLE ID: B1		<b>D</b>					
Parameter	Pogul +	Det. : Limit	Unit	Method	An Time	alysis Date	3-0-7
TPH by 5030	BDL	5 5	bbm	EPA 5030			Anal. THG
LAB ID: 052J02 SAMPLE ID: B2 TPH by 5030	BDL	5	mqq	EPA 5030	09:00	12/08/93	THG
LAB ID: 052J03 SAMPLE ID: B3 TPH by 5030	BDL	5	ppm	EPA 5030	09:00	12/08/93	THG

## Safeway Tank Disposal, Inc.

Page of

### RECEIVING REPORT

from: No	Bu 395	ldus	- -	Transported by:					
			Tran	sported by:	- 4 W				
Jank Disposal Jumber	Siże	Weight	Product	Date Received	Origin				
xxx)	6000	5468	GASDINE	12/18/93	Norca Brilders High-Paint NC				
				•					
			-						
·	<del> </del>								
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	<u>.l.,</u> .	<u> </u>	_ <del></del>	<del></del>					

Safeway Tank Disposal, Inc. accepts the liability for the tank(s) and contents on this report. The tank(s) and contents must be a petroleum product. If at any time the tanks are found to contain any product other than a petroleum product SAFEWAY TANK DISPOSAL, INC. has the right to refuse disposal or negotiate a price for disposal. Customer will be liable for any clean-up or other cost resulting from contamination by a substance other than a petroleum product.

Safeway Tank Disposal, Inc. agrees to dispose of petroleum tanks and contents in accordance with local, state, and federal regulation. Pertificate of Disposal to follow.

SAFEWAY TANK DISPOSAL, INC.

## GUILFORD COUNTY DEPARTMENT OF EMERGENCY SERVICES FIRE SERVICE DIVISION P. O. Box 18807 Greensboro, N. C. 27419

	TO:	Chief Fire Inspector
	Application is	s hereby made by the undersigned for a permit to
	X	Remove Underground Tank(s)
		Abandon Underground Tank(s) in or on the premises known as:
	LULINNE	efield Properties, INC
56	14 KiverdA	le Dr.
JA	mestown,	1282
	2 1. Tank Con	
	Contractor's A	Address: 430 N. Scientific St. Hish Point, NC 27260
	Number, Size	and Product of Tank(s) 1 - 8,000 - 9,000 in e

- 2. Permit shall be obtained for removal or abandonment of underground tanks in place prior to beginning work.
- 3. Removal and abandonment of underground tanks in place shall comply with all applicable codes and regulation including the fire code, N.F.P.A 327, and A.P.I. Publication 1604.
- 4. Notify Fire Service Division at 373-7565 and Toxic Hazards Division, at 373-7565, minimum one working day prior to removal or abandonment in place.
- 5. For tank removal or abandonment in place all liquids shall be removed from the tank(s) and properly disposed of in accordance with applicable laws.
- 6. Prior to removal or abandonment in place tanks shall be purged or rendered inert. Purging or inerting shall be conducted in accordance with applicable standards and regulations. For purging the vapors shall not exceed 20% of the lower flammable limits. For inerting the oxygen content shall be below 8%. Tank contractors shall have the proper operating meters, combustible gas indicator and/or oxygen meter at each job site.

7. Tanks which have been removed from the ground shall be properly removed from the premises to a proper facility. Tanks shall be labeled with legible letters at least two (2) inches high, similar to the following:

TANK HAS CONTAINED LEADED GASOLINE
NOT VAPOR FREE
NOT SUITABLE FOR STORAGE OF FOOD OR LIQUID
INTENDED FOR HUMAN OR ANIMAL CONSUMPTION
DATE OF REMOVAL : MONTH/DAY/YEAR
PERMIT #

- 8. Tanks to be transported in accordance with all applicable local, state and federal regulations. Tank openings to be plugged or capped with one plug having a 1/8" inch vent hole to prevent the tank from being subjected to excessive differential pressure. Tanks to be secured on a truck or trailer for transportation to the storage or disposal site with the 1/8" inch vent hole located at the uppermost point on the tank.
- 9. Tank contractor shall complete and submit Guilford County Health Department form upon completion of removal or abandonment of tanks. Information submitted to be accurate and detailed. Health and Fire Copy mailed to Guilford County Emergency Services.

I understand and consent to the above stipulated conditions upon which this permit is granted. Failure to obtain permit and comply with regulation may render you liable to the penalties provided by law.

Jana Chefrank	Ose, h W Ruga
Applicant	Fire Inspector
Date: 12-6-93	12-6-93
Phone: 918 - 454-6134	Permit #: 902.5 - 098
Day	
910-841-8159	Granted: Denied
Night	

11:00 . A.m. - 12-7-93

#### ADDITIONS:

- 1. Result of soil sample shall be sent to this office.
- Please call this office the day before you plan to remove the tank.

INFORMATION FOR FACILITY:

NORCON BUILDERS, INC.

FACILITY INFORMATION:

1

OWNER INFORMATION:

NORCON BUILDERS, INC.

5614 RIVERDALE DR

JAMESTOWN

FAC-ID:

0-017821

Name:

NORCON BUILDERS, INC. P.O. BOX

Page

Address: County:

GUILFORD

City:

JAMESTOWN

State:

NC Zip: 27282

Manager:

NORWOOD STONE

Phone:

(919) 454-6156

TANK ID	STATUS	INSTALLED	VOLUME (GALS.)	MATERIAL	INTERIOR COATING	ANK - EXTERIOR COATING	PIPING	PRODUCT
1	Temp	1978/05/03	8,000	Steel	None	Paint	Steel	Gasoline

LEGEND:

STATUS Curr (Tank in Use) Temp (Temporay out of use)

INSTALL Date Tank

NC 27282

VOLUME(GALS) Tank Capacity

Installed

If a REGISTERED TANK has been 'CLOSED' (FILLED or REMOVED), PLEASE indicate FILL MATERIAL and DATE CLOSED on this sheet.

DEAR SIR, THIS TANK WAS INSTALLED IN THE EARLY 1980'S. 1978 IS A NORCON BULLDERS INC. BY I. I DENS PRESIDENT